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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/903,326	07/11/2001	Imran Sharif	UNIQA-PPA3	7389
27627	7590	07/08/2005	EXAMINER	
ROBERT BUCKLEY, PATENT ATTORNEY P.O BOX 272 LIVERMORE, CA 94551-0272			SHEPARD, JUSTIN E	
			ART UNIT	PAPER NUMBER
			2617	

DATE MAILED: 07/08/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/903,326

Applicant(s)

SHARIF ET AL.

Examiner

Justin E. Shepard

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on ____.
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-14 is/are pending in the application.
- 4a) Of the above claim(s) ____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) ____ is/are allowed.
- 6) ☒ Claim(s) 1-14 is/are rejected.
- 7) ☐ Claim(s) ____ is/are objected to.
- 8) ☐ Claim(s) ____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☒ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on ____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. ____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. ____ |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| Paper No(s)/Mail Date <u>6/23/2003</u> . | 6) <input type="checkbox"/> Other: ____ |

DETAILED ACTION

Specification

The disclosure is objected to because of the following informalities:

On page 8, line 8; "audio output" is labeled as part 16 or figure 1b, while it is listed as part 18 in the figure.

On page 10, second paragraph; the following part numbers: 42, 44, 46, 48, 50, 52, and 54 do not appear in figure 3.

On page 13, line 23; "border" is given part number 108 of figure 5b, but this part number does not appear in the figure.

On page 14, line 17; "numerals" is given part number 112 or figure 5c, but this part number does not appear in the figure.

Appropriate correction is required.

Claim Objections

Claims 1, 4, 6, 7, 10, and 14 are objected to because of the following informalities: The words "small" and "reduced" are used to describe the amount of keys on a remote or keypad. These words are subjective and must be replaced with words that can't be interpreted subjectively. Appropriate correction is required.

Claim 10 is objected to because of the following informalities: On line 8, the word "characterl" should be replaced with "character." Appropriate correction is required.

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

Claims 1-6 are rejected under 35 U.S.C. 102(e) as being anticipated by Beranek, U.S. Patent Number 6,226,642.

Referring to claim 1, Beranek discloses a network access device comprising (column 5, lines 52-53): a network connection section for communication with a network (column 5, lines 9-10); a video section including a video signal output connectable to a video display for outputting video signals to be displayed on the video display (column 5, lines 66-67); a user interface signal receiver for receiving user interface signals generated by a reduced keyset user interface device (column 6, lines 5-6; figure 2d; Note: a keypad without a full alphabet is being interpreted as a reduced keyset); and a processing unit (column 7, lines 35) connected to the network connection section, the video section and the user interface signal receiver (figure 3), wherein the processing unit provides user interface functions by outputting video signals for displaying information to the user and processing user interface signals received by the user interface signal receiver and generated by the user in response to the output video signals (column 5, lines 66-67; column 6, lines 12-15), the user interface functions

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enabling the user to control and navigate the operation of the network access device solely through the reduced keyset user interface device (figure 2a).

Referring to claim 2, Beranek discloses a network access device of claim 1, further including a housing that contains the network connection section, the video section, the user interface signal receiver, and the processing unit (figure 2b and 2c).

Referring to claim 3, Beranek discloses a network access device of claim 2, further including at least one device selected from the group consisting of an audio output device (column 6, lines 27-29), an audio signal output (column 6, line 54), an audio input device, an audio signal input (column 6, lines 49-50), a video input device, a video signal input, and visual indicators (column 6, line 30), the at least one device being carried by the housing and being connected to and controlled by the processing unit (figure 3).

Referring to claim 4, Beranek discloses a network access device of claim 1, wherein the processing unit provides user interface functions by processing a set of user interface signals consisting of a set of numeric keystroke signals (figure 2d, part 142) and a small number of functional keystroke signals (figure 2d, buttons not included in part 142; Note, 12 keys is being interpreted as small, as a full size keyboard has over 40 functional keys beyond the numeral or alphabetic keys).

Referring to claim 5, Beranek discloses a network access device of claim 1, wherein the user interface signal receiver is a wireless signal receiver (column 6, lines 8-9).

Referring to claim 6, Beranek discloses a network access device of claim 1 , further comprising a reduced keyset user interface device consisting of a set of numeric keys (figure 2d) and a small number of functional keys (figure 2d), the reduced keyset user interface device being coupled to the user interface signal receiver (column 6, lines 18-19).

Claims 7-9 are rejected under 35 U.S.C. 102(e) as being anticipated by Herigstad, U.S. Patent Number 6,731,316.

Referring to claim 7, Herigstad discloses a method for providing a user interface (figure 12, part 206) between an information processing system (figure 12, part 210) and a user using a display screen for displaying information to the user (figure 12, part 206) and a reduced keyset user interface device (figure 12, parts 201 and 202; Note: a keypad with only 9 keys is being interpreted as a reduced keyset as it has less keys than a standard keyboard) for transmitting keystroke signals to the information processing system (column 1, lines 47-49), the method comprising the steps of: displaying information to the user on the display screen (column 8, lines 31-33), the displayed information including user interface elements (column 8, lines 31-35; column 1, lines 53-61); dividing the display screen into a plurality of display areas each containing displayed information (figure 2a, part 10); designating one of the plurality of display areas as an input focus area in response to first keystroke signals received from the reduced keyset user interface device (column 1, lines 57-61); and interpreting keystroke signals received from the reduced keyset user interface device based on displayed user interface elements in the input focus area only (column 1, lines 57-61).

Referring to claim 8, Herigstad discloses a method of claim 7, wherein each of the plurality of screen display areas is capable of being designated as an input focus area (figure 2a, part 10), and wherein the designating step sequentially designates input focus areas according to a predetermined order in response to the first keystroke signals (column 1, lines 57-61; Note: being able to select portions of a map where each time a selection is made another map, which is more detailed and which is next in line according to the increasing level of map detail, is provided is being interpreted as being equivalent to sequentially designating input focus areas according to a predetermined order in response to the first keystroke signals).

Referring to claim 9, Herigstad discloses a method of claim 7, wherein the dividing step includes dividing the display screen into one or more primary display areas for displaying dynamic text or graphics, and one or more button bars each containing one or more buttons, each button representing an operation of the information processing system (figure 2a, part 10; figure 4a, part 30; figure 8, part 30; figure 10, part 20).

Claims 10-13 are rejected under 35 U.S.C. 102(e) as being anticipated by Herigstad.

Referring to claim 10, Herigstad discloses a method for providing a user interface (figure 12, part 206) between an information processing system (figure 12, part 210) and a user using a display screen for displaying information to the user (figure 12, part 206) and a reduced keyset user interface device (figure 12, parts 201 and 202; Note: a keypad with only 9 keys is being interpreted as a reduced keyset as it has less keys

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than a standard keyboard) for transmitting keystroke signals including numeral keystroke signals to the information processing system (column 1, lines 47-49), the method comprising the steps of: displaying information to the user on the display screen (column 8, lines 31-33), the displayed information including user interface elements (column 8, lines 31-35; column 1, lines 53-61); displaying an association of each of at least some of the user interface elements with a character (figure 10, part 190); and interpreting character keystroke signals received from the reduced keyset user interface device according to the displayed association of user interface elements with characters (column 1, lines 44-49).

Referring to claim 11, Herigstad discloses a method of claim 10, wherein the information displayed on the display screen includes information accessed through the Internet (column 8, lines 19-21), and at least some of the user interface elements associated with characters are links contained in a web page (column 8, lines 31-33).

Referring to claim 12, Herigstad discloses a method of claim 11, wherein the association of characters and user interface elements is determined by information contained in the web page (column 3, lines 63-65; column 8, lines 31-33; Note: a mechanism for easing access to content on the Internet is being interpreted as determining the association of characters and user interface elements from the content in the web page).

Referring to claim 13, Herigstad discloses a method of claim 11, wherein the association of characters and user interface elements is determined by analyzing the content of the web page and display configuration of the display screen. (column 3,

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lines 63-65; column 8, lines 31-33; Note: a mechanism for easing access to content on the Internet is being interpreted as determining the association of characters and user interface elements by analyzing the content of a website).

Claim 14 is rejected under 35 U.S.C. 102(e) as being anticipated by Beranek.

Referring to claim 14, Beranek discloses a method for providing a user interface (column 5, lines 35-36) between an information processing system and a user using a display screen for displaying information to the user (column 5, lines 66-67) and a reduced keyset user interface device for transmitting keystroke signals to the information processing system (column 6, lines 12-15; figure 2d), the information processing system having a plurality of modes selectable by the user, each mode performing predetermined functions (column 6, lines 66-67; column 7, line 1), the method comprising the steps of: displaying information to the user on the display screen (column 5, lines 66-67), the displayed information including user interface elements (column 6, line 15; Note: items are being interpreted as being equivalent to interface elements), depending on the selected mode of the information processing system, displaying a characteristic screen display associated with the selected mode (column 6, lines 66-67; column 7, line 1), the characteristic screen display including layout of the display screen, selection of operations, and associated set of commands (column 6, lines 12-15 and 66-67; column 7, line 1; Note: television broadcasts and web pages are interpreted as equivalent to characteristic displays for these modes); and displaying mode selection user interface elements for enabling the user to select one of the modes of the system using the reduced keyset user interface device (column 6, lines 5-6), the

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mode selection user interface elements being displayed regardless of the selected mode of the information processing system (column 6, lines 66-67; column 7, line 1; Note: mode selection being available on the remote means that the mode selection is available regardless of what mode is currently displayed on the screen).

Conclusion

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Berstis, U.S. Patent Number 5,920,304, Random Bounce Cursor Mode After Cessation of User Input.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Justin E. Shepard whose telephone number is (571) 272-5967. The examiner can normally be reached on 7:30-5 M-F.


If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Chris Kelley can be reached on (571) 272-7331. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

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JS


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